ABSTRACT

The invention aims at providing novel sulfur compounds, molecular compounds containing the same as the component compound, and so on. The above aim is achieved by using sulfur compounds of the general formula (I) wherein Rs are each independently hydrogen, optionally substituted C_{1-6} alkyl, optionally substituted C_{2-6} alkenyl, optionally substituted aryl, chloro, or bromo; m is an integer of 0, 1, or 2; and Z is a group represented by any of the general formulae (II) to (V) (wherein R and m are each as defined above; W is hydrogen or C_{1-6} alkyl; and Y is a direct bond, C_{1-3} alkylene, or phenylene).

$$R(O)_{m}S \longrightarrow C \longrightarrow S(O)_{m}R \quad (II)$$

$$R(O)_{m}S \longrightarrow C \longrightarrow S(O)_{m}R \quad (III)$$

$$R(O)_{m}S \longrightarrow C \longrightarrow S(O)_{m}R \quad (IV)$$

$$W \longrightarrow C \longrightarrow S(O)_{m}R \quad (IV)$$

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S(O)_mR